LEDCity

Saving energy through automatization

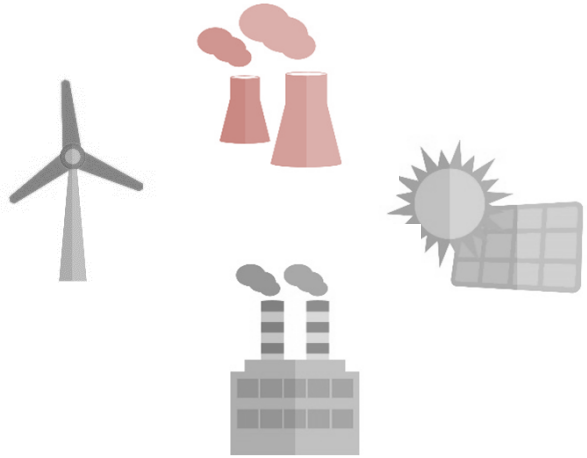
Patrik Deuss
patrik.deuss@ledcity.ch

Florian Gärtner
florian.gaertner@ledcity.ch

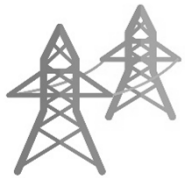
Problem

High energy consumption

1.5 pcs

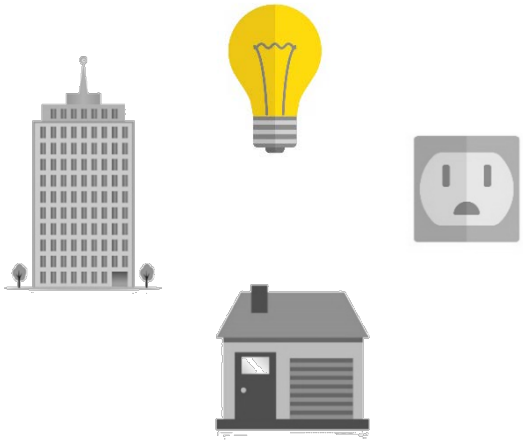


Generation



Transmission

14 %



Consumption

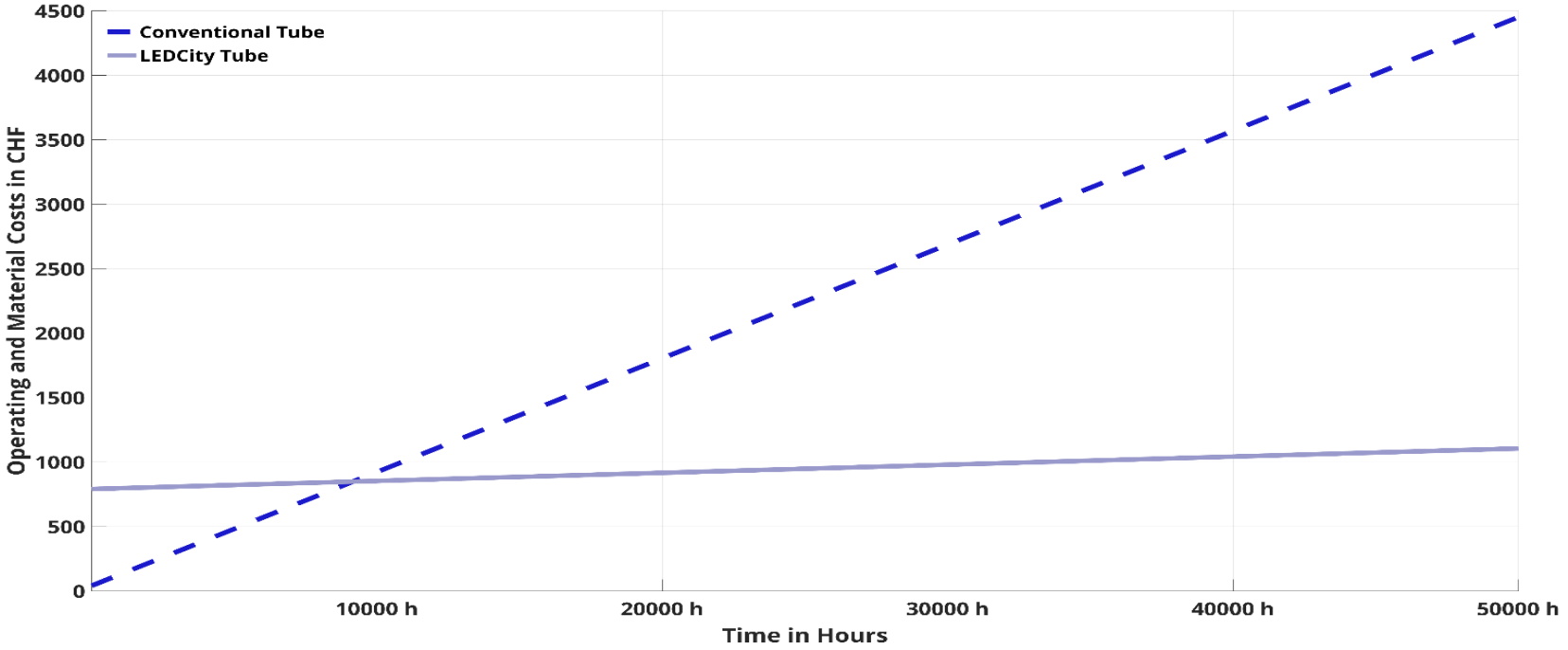
Solution

Interactive Light

- Energy saving by 80-95 %
- Ultra sensitive Sensor
- Adjustable Parameters
- Retrofit & Decentral
- Analyzes data

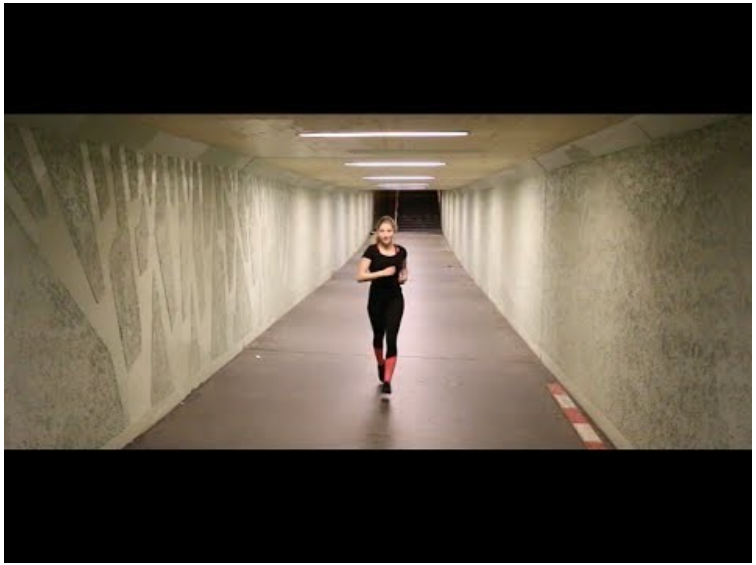
Advantage

Lower overall costs

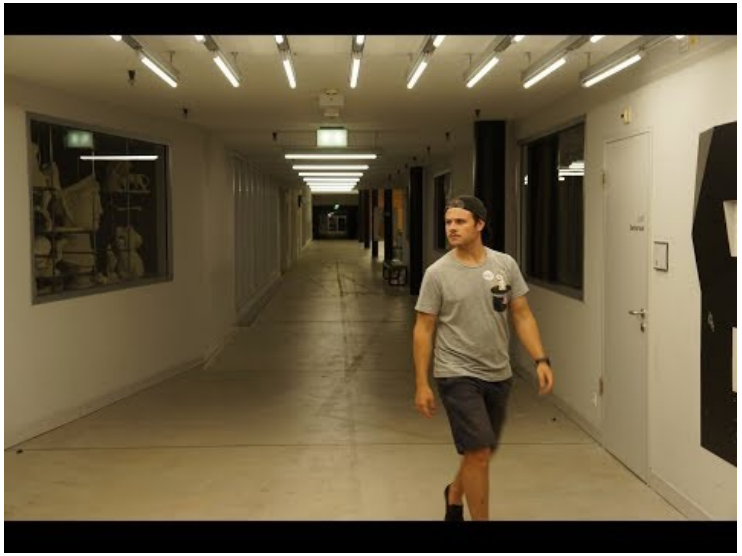


Videos

Existing Projects



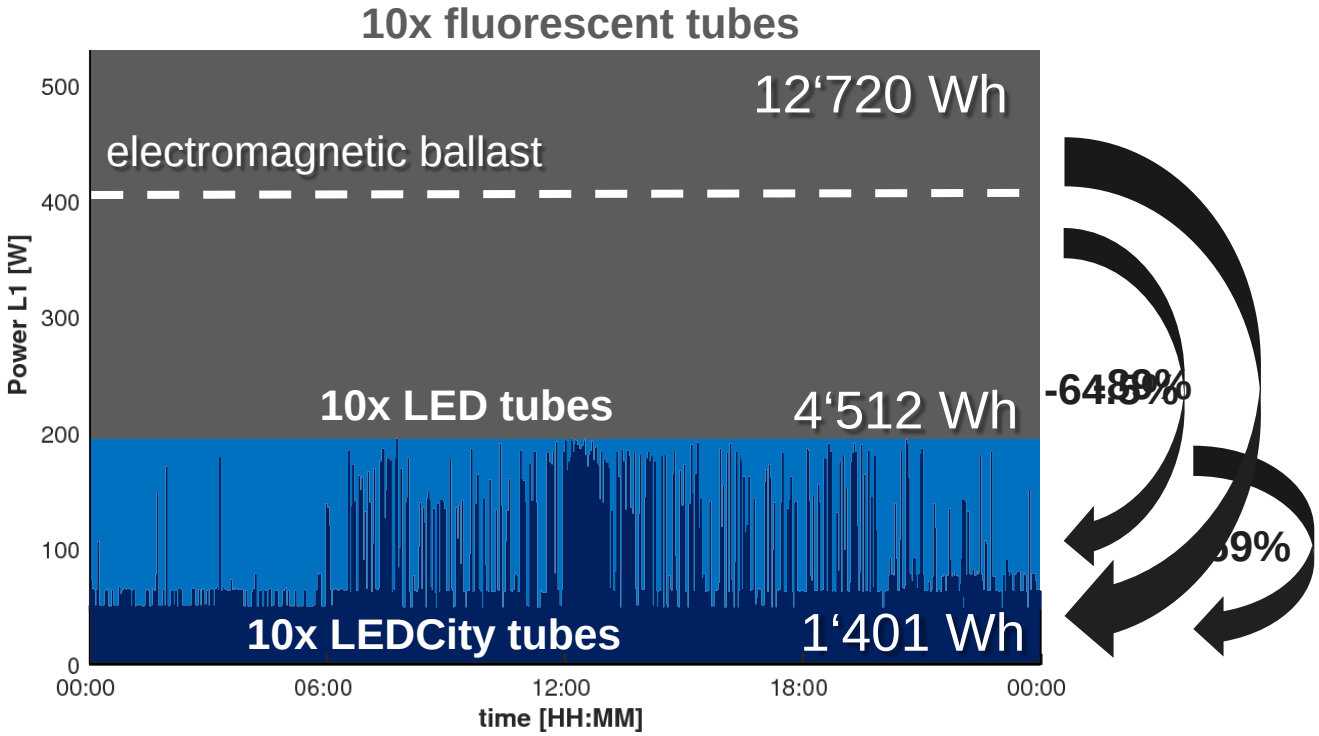
Tunnel



University

Comparison

Measurement



YEAR 1

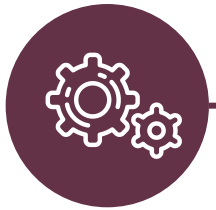
4’131 kWh
Saved power

116.1 kg
Saved CO2eq

Product Timeline

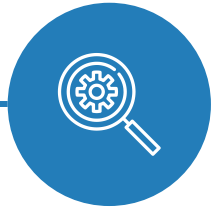
1 Bachelor Thesis – Spring 2016

Pilot Project – Spring 2017 2



3 Release Non-/Semi Autonomic Tube – Autumn 2017

Release Full Autonomic Tube – 2018 4



Problem zones

Learning curve

Accomplishments

Previous milestones

Financial support:

Klimastiftung Schweiz

Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra
Bundesamt für Energie BFE

Development with

zh aw School of Engineering

Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra
Kommission für Technologie und Innovation KTI

Projects with major companies:

UBS

cablex vernetzt in die zukunft

hdk

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